

Title (en)
CLUTCH DEVICE WITH WEAR COMPENSATION, IN PARTICULAR FOR MOTOR VEHICLE

Title (de)
KUPPLUNGSVORRICHTUNG MIT VERSCHLEISSAUSGLEICH, INSBESONDERE FÜR KRAFTFAHRZEUG

Title (fr)
DISPOSITIF D'EMBRAYAGE À RATTRAPAGE D'USURE, NOTAMMENT POUR VÉHICULE AUTOMOBILE

Publication
EP 3173648 A1 20170531 (FR)

Application
EP 16197538 A 20161107

Priority
FR 1561424 A 20151126

Abstract (en)
[origin: CN107023588A] In particular, the present invention relates to a wear compensating double clutch (1) which is particularly useful for motor vehicles. The clutch includes at least a reaction disc (4), the first and second friction discs (5a, 5b), first and second platens (3a, 3b) respectively actuated by the first and second diaphragms (9a, 9b), a fixed cover (6), a first wear detection and compensation device mounted between the first diaphragm (9a) and the fixed cover (6), and a first wear detection and compensation device mounted on the second diaphragm (9b) and the second pressure Disc (3b) between the second wear detection and compensation device.

Abstract (fr)
L'invention concerne notamment un double embrayage (1) à rattrapage d'usure, notamment pour véhicule automobile, comportant au moins un plateau de réaction (4), un premier et un second disques de friction (5a, 5b), un premier et un second plateau de pression (3a, 3b) actionnés respectivement par un premier et un second diaphragme (9a, 9b), un couvercle fixe (6), des premiers moyens de détection et de rattrapage d'usure montés entre le premier diaphragme (9a) et le couvercle fixe (6), et des seconds moyens de détection et de rattrapage d'usure montés entre le second diaphragme (9b) et le second plateau de pression (3b).

IPC 8 full level
F16D 13/75 (2006.01); **F16D 21/06** (2006.01)

CPC (source: CN EP KR)
F16D 13/58 (2013.01 - CN); **F16D 13/757** (2013.01 - CN EP KR); **F16D 66/024** (2013.01 - CN); **F16D 2021/0607** (2013.01 - EP); **F16D 2066/008** (2013.01 - CN); **F16D 2500/50233** (2013.01 - KR)

Citation (applicant)
• FR 2780119 A1 19991224 - MANNESMANN SACHS AG [DE]
• FR 3009592 A1 20150213 - VALEO EMBRAYAGES [FR]

Citation (search report)
• [A] FR 3009592 A1 20150213 - VALEO EMBRAYAGES [FR]
• [A] FR 2780119 A1 19991224 - MANNESMANN SACHS AG [DE]
• [A] FR 2815098 A1 20020412 - MANNESMANN SACHS AG [DE]
• [A] FR 2726872 A1 19960515 - FICHTEL & SACHS AG [DE]

Cited by
CN113532876A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3173648 A1 20170531; **EP 3173648 B1 20180425**; CN 107023588 A 20170808; CN 107023588 B 20200310; FR 3044374 A1 20170602; FR 3044374 B1 20171222; KR 20170061612 A 20170605

DOCDB simple family (application)
EP 16197538 A 20161107; CN 201611070877 A 20161128; FR 1561424 A 20151126; KR 20160157693 A 20161124